

SMAC BARRIER®



SMAC BARRIER® Concept

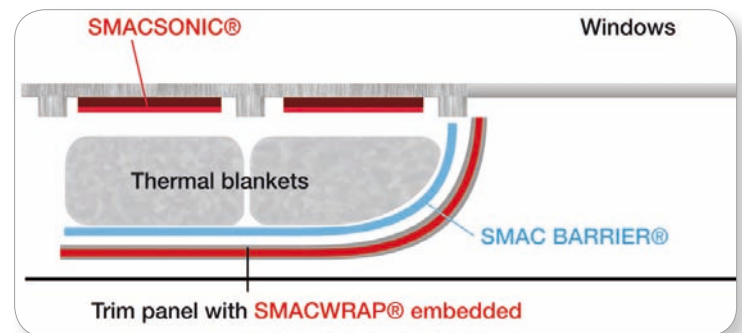
SMAC BARRIER® is a new material developed by SMAC to complete the range of solutions for noise reduction into an aircraft.

SMAC BARRIER® is an acoustic layer designed to reduce the transmission of sound and engineered to meet both Bunsen Test FAR25-853a and the radiant panel flammability tests FAR 25-856a without flame propagation .

Main Characteristics

SMAC BARRIER®	
PROPERTIES	
Color	Blue
Density	1.69 g/cm ³
Hardness	69 Shore A
Temperature	-60°C to +200°C
Tensile strength	7.9 MPa
Elongation at break	572%
Availability	Standard Roll
Auto-Adhesive (PSA)	Possible on 1 or 2 sides
FIRE RESISTANCE	
Flammability	FAR, part 25.853 (a)
Flame propagation	FAR, part 25.856 (a)

SMAC BARRIER®	SMAC BARRIER® 1 - 0.6	SMAC BARRIER® 2 - 1.2
Thickness	0.6 mm	1.2 mm
Width	600 mm	600 mm
Surfacic weight	1 kg/m ² (0.20 lb/sqft)	2 kg/m ² (0.41 lb/sqft)

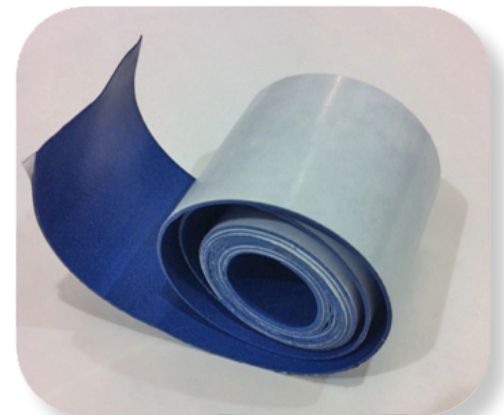


SMACTAPE® Concept

- ▲ A «duct tape» adhesive style with SMAC BARRIER® allowing easy installation to address acoustic leaks.
- ▲ 2 inches wide.
- ▲ This material complies with FAR 25-853 and 856 fire tests.

Applications

- ▲ Aircraft trim panel noise barrier
- ▲ Aircraft flooring noise barrier
- ▲ Ceiling panels



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